

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/782,435
Filing Date	02/18/2004
First Named Inventor	Pramod B. Mahajan
Art Unit	1638
Examiner Name	M. Mahajan
Attorney Docket Number	1121C

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
MAJ	A1	US-5,451,514	09/19/1995	Boudet et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
MAJ	A2	WO 99/00419	07/01/1999	Sumitomo Electric Industries, Ltd.		
	A3	EP 0 926 157 A1	06/30/1999	Sumitomo Electric Industries, Ltd.		
	A4	EP 1 033 405 A2	09/06/2000	Ceres Incorporated		

Examiner
Signature

Medina A. Mahajan

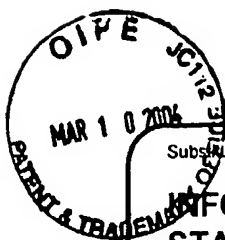
Date
Considered

8/20/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 3

Complete if Known

Application Number	10/782,435
Filing Date	02/18/2004
First Named Inventor	Pramod B. Mahajan
Art Unit	1638
Examiner Name	
Attorney Docket Number	1121C

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MAJ	A5	BLEWITT et al., Database EMBL Accession No. AI726943, BNLGH16897 Six-day Cotton fiber Gossypium hirsutum cDNA 5' similar to (AB012122) TIP49 [Homo sapiens] gi/3243035, rRNA sequence (1999)	
	A6	BORK, Powers and Pitfalls in Sequence Analysis: The 70% Hurdle, Genome Research 10:398-400 (2000)	
	A7	CAMERINI-OTERO et al., Homologous Recombination Proteins in Prokaryotes and Eukaryotes, Annu. Rev. Genetics 29:509-552 (1995)	
	A8	KANEMAKI et al., Molecular Cloning of a Rat 49-kDa TBP-Interacting Protein (TIP49) That Is Highly Homologous to the Bacterial RuvB, Biochem Biophys Res 235:64-68 (1997)	
	A9	KIKUCHI et al., GenBank Accession No. AB001581	
	A10	KOWALCZYKOWSKI et al., Biochemistry of Homologous Recombination in Escherichia coli, Microb. Rev. 58(3):401-465 (1994)	
	A11	LABRADOR, E., Database EMBL Accession No. AJ276264, Cicer arietinum mRNA for putative Ruv DNA-helicase (2000)	
	A12	MAKINO et al., TIP49, Homologous to the Bacterial DNA Helicase RuvB, Acts as an Autoantigen in Human, Biochem Biophys Res. 245:819-823 (1998)	
	A13	MAKINO et al., Database EMBL Accession No. AB012122, Homo sapiens mRNA for TIP49, complete cds (1998)	
	A14	NAKAMURA et al., Database EMBL Accession No. AB007651, Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone:MWD9 (1997)	
	A15	NAKAMURA et al., Database EMBL Accession No. AB013390, Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone:K919 (1998)	
	A16	QIU et al., An Eukaryotic RuvB-like Protein (RUVBL1) Essential for Growth, J. Biol. Chem. 273(43):27786-27793 (1998)	
	A17	WALBOT, V., GenBank Accession No. AI444686, Maize ESTs from various cDNA libraries sequenced at Stanford University (1999)	

Examiner
Signature

Medina A. Ibrat

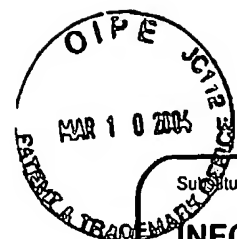
Date
Considered

8/20/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 3 of 3

Complete if Known

Application Number	10/782,435
Filing Date	02/18/2004
First Named Inventor	Pramod B. Mahajan
Art Unit	1638
Examiner Name	
Attorney Docket Number	1121C

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MAI	A18	WALBOT, V., GenBank Accession No. AI467736, Maize ESTs from various cDNA libraries sequenced at Stanford University (1999)	
	A19	WALBOT, V., GenBank Accession No. AI629704, Maize ESTs from various cDNA libraries sequences at Stanford University (1999)	
	A20	WALBOT, V., Database EMBL Accession No. AI667714, Endosperm cDNA library from Schmidt lab Zea mays cDNA, mRNA sequence (1999)	
	A21	WALBOT, V., Database EMBL Accession No. AI444686, leaf primordia cDNA library from Hake lab Zea mays cDNA, mRNA sequence (1999)	
	A22	WALBOT, V., Database EMBL Accession No. AW927556, Mixed adult tissues from Walbot lab, same as 707 (SK) Zea mays cDNA, mRNA sequence (2000)	
	A23	WEST, S., Processing of Recombination Intermediates by the RuvABC Proteins, Annu. Rev. Genet. 31:213-244 (1997)	
	A24	ZERBIB et al., Coordinated Actions of RuvABC in Holliday Junction Processing, J. Mol. Biol. 281:621-630 (1998)	

Examiner
Signature

Medina A. Ibrahim

Date
Considered

8/20/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.